Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 13 Dec 2021 until 23:59 on Tuesday 14 Dec 2021

Forecast Issued on Monday 13 Dec 2021 at 03:16

Confidence: There is some uncertainty in extent of rain and low cloud on Monday and Tuesday. High for more settled conditions to become established from mid-week however.

Headline for Monday 13 Dec 2021: Cloudy with outbreaks of rain and drizzle.

Mountain weather hazards on Monday 13 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Drizzle	Drizzle	Heavy Rain	Heavy Rain	Light rain
Precipitation probability					
30%	60%	80%	80%	80%	80%

Forecast for Monday 13 Dec 2021

Weather: Cloudy with outbreaks of rain and drizzle turning increasingly heavy and persistent during the afternoon and evening. In general feeling mild with light winds. There is some uncertainty in the timing and northwards extent of the rain.

Chance of cloud free mountain/hill tops above 600m: 20%.

Visibility: Widespread low cloud above around 300-400m. Below the cloud, rather hazy and reducing to a few km at times in rain or drizzle.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 13 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/18 W	9/11 W	9/12 SW	7/9 SW	9/13 N	8/11 NE	8/10 S
300	10/13 W	4/6 SW	5/7 SW	4/6 SW	6/10 N	5/9 NE	4/6 SW
Valley	6/13 W	2/5 W	3/5 SW	2/5 NE	4/9 NW	3/7 NE	3/6 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/0	4/0	4/1	4/2	4/0	3/-0	3/0
300	7/4	6/5	7/5	7/6	6/4	5/3	5/4
Valley	8/6	7/6	7/7	7/6	6/5	6/5	5/4
Freezing Level*	1700m	1400m	1500m	1700m	1600m	1600m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A damp day on the hills, but feeling milder a lower levels.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 13 Dec 2021	6.8mm	12.6mm	16mm

Forecast for Tuesday 14 Dec 2021

Weather: Rain clearing overnight to leave a few mist and fog patches at first, these slowly clearing then a largely dry, mild but cloudy day.

Maximum wind: Southwest 15-20mph, gusts 30mph in the afternoon.

Chance of cloud free mountain/hill tops above 600m: 20% at first, becoming 70%.

Visibility: Extensive low cloud and fog down to low slopes at first. Visibility improving with cloud bases rising to leave a few patches on the summits by afternoon.

Temperature: **Valleys:** Plus 2C rising to 10 or 11C.
At 600m: Plus 1C rising to 4 or 5C.
Freezing level: Above summits.

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